LABDEX

Blood Gas And Electrolyte Analyzer LX100BGA

Email: info@labdex.com **website:** www.labdex.com

Description

Blood Gas and Electrolyte Analyzer LX100BGA comes with 10.4”TFT touch Screen, infrared human-dector and barcode Reader. It has four types of calibration system like Automatic, Programmable, One-point and Two-point. Storage data capacity has more than 50,000 test data. Blood gas & electrolyte analyzer used for determination of respiratory or metabolic abnormalities, acute heart and lung diseases.

Specifications

<table>
<tr><td>Sample</td><td>Whole blood, Serum, Plasma, Dialysate, CSF</td></tr>
<tr><td>Input Parameters</td><td>Patient Temperature, Hemoglobin, FiO2, B.P.</td></tr>
<tr><td>Analysis Time</td><td>≤90s</td></tr>
<tr><td>Test</td><td>pH(CH), pCO2, pO2, K,Na+, CL-, Ca++, Hct, B.P.</td></tr>
<tr><td>Parameters</td><td>
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<tr><td>Test Items</td><td>Measuring Range</td><td>Unit</td></tr>
<tr><td>pH(CH)</td><td>6.000~9.000</td><td>pH scale</td></tr>
<tr><td>pCO2</td><td>1.607~26.67; 8.0~200.0</td><td>kpa; mmHg</td></tr>
<tr><td>pO2</td><td>0~106.7; 0~800.0</td><td>kpa; mmHg</td></tr>
<tr><td>K</td><td>0.5~15.0</td><td>mmol/L</td></tr>
<tr><td>Na+</td><td>20.0~200.0</td><td>mmol/L</td></tr>
<tr><td>Cl-</td><td>20.0~200.0</td><td>mmol/L</td></tr>
<tr><td>Ca++</td><td>0.3~5.0</td><td>mmol/L</td></tr>
<tr><td>Hct</td><td>12.0~65.0</td><td>%</td></tr>
<tr><td>B.P.</td><td>500~800</td><td>mmol/L</td></tr>
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<tr><td>Sample Volume</td><td>120µl (whole blood), 50µl (capillary blood)</td></tr>
<tr><td>Calibration</td><td>Automatic, Programmable, One-point and Two-point</td></tr>
<tr><td>Data Storage</td><td>More than 50,000 results</td></tr>
<tr><td>Display</td><td>10.4” TFT Touch Screen</td></tr>
<tr><td>Battery</td><td>24V NI-MH battery, 3.0Ah</td></tr>
<tr><td>Printer</td><td>Build in Thermal printer</td></tr>
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Barcode Reader	Multiple kinds barcode type
Interface	Serialline RS-232 TCP/Ip interface USB port Integrated bar-code reader
Working Temperature	15-30℃
Storage Environment	5-45℃
Power Supply	100-240V~50/60HZ
Package Size (W x D x H)	920 x 650 x 610 mm
Gross weight	60 Kg

Features

- Flexible and simple calibrants cartridge
- Equipped with 10.4”TFT touch Screen and infrared human-dector
- Can test following biological component pH(CH), pCO2, pO2, K,Na+, CL-, Ca++, Hct, B.P
- Build-in thermal printer and barcode Reader
- Easy to use, fast data input and friendly operation interface

Applications

- Blood Gas & Electrolyte Analyzer mainly used in clinical lab, hospital, research institution, determination of respiratory or metabolic abnormalities, acute heart and lung diseases.

71-75 Shelton Street Covent Garden, London WC2H 9JQ UK.
Email: info@labdex.com | Website: www.labdex.com